Index of Claims

|     |      |       | _   |      |     |
|-----|------|-------|-----|------|-----|
| App | Hica | tion/ | Con | trol | No. |

10/817,240

Date

Examiner

**Gregory Pickett** 

Applicant(s)/Patent under Reexamination

SPOLIDORO, MICHAEL

Art Unit

3728

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla   | im   | Date                                  |          |          |          |          |              |  |  |                 |  |
|-------|--|---------------------------------------|----------|----------|----------|----------|--------------|--|--|-----------------|--|
|       |  |                                       |          |          |          |          |              |  |  |                 |  |
| Final | Original   | 7/20/05                               | 1/18/06  |          |          |          |              | ŀ  |  |                 |  |
| Ή     | Ç  | Ž                                     | 1        |          |          |          |              |  |  |                 |  |
|       |  |                                       | Ľ        |          |          |          |              |  |  |                 |  |
|       | 1  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |          |          |          |          |              |  |  |                 |  |
|       | 3  | 1                                     | L        |          |          |          | L            |  | L  |                 |  |
|       | 4  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 5  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 6  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 7  | 1                                     | L        |          |          |          |              |  |  |                 |  |
|       | 8  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | ø  | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 10   | 1                                     |          |          |          |          |              |  |  |                 |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 | 1 1 1 1 1                             |          | L        | L        |          |              |  | Ĺ  |                 |  |
|       | 12   | V                                     |          |          |          |          | Ĺ            |  | L  |                 |  |
|       | 13   | V                                     |          |          |          | Ĺ        |              |  |  |                 |  |
|       | 14   | V                                     |          |          |          |          |              |  |  |                 |  |
|       | 15   | V                                     |          |          |          |          |              |  |  |                 |  |
|       | 16   | Г                                     | 1        |          |          |          | Г            | П  |  |                 |  |
|       | 17   |                                       | 1        |          |          |          | Г            |  | П  |                 |  |
|       | 18   | Π                                     | 1        |          |          |          | Г            |  |  |                 |  |
|       | 19   | Г                                     | 1        |          |          |          |              | Г  |  |                 |  |
|       | 20   | Г                                     | 1        |          |          |          |              |  |  | П               |  |
|       | 21   |                                       | 77777    |          |          |          |              | $\vdash$   |  |                 |  |
|       | 22   |                                       | 1        |          |          | $\vdash$ |              |  |  | П               |  |
|       | 23   | -                                     |          |          |          |          |              | -  |  |                 |  |
|       | 24   | T                                     | $\vdash$ |          |          | _        | $\vdash$     |  | ┢  |                 |  |
|       | 25   | $\vdash$                              | $\vdash$ | _        |          | $\vdash$ | $\vdash$     |  | $\vdash$   |                 |  |
|       | 26   | -                                     |          |          |          |          |              | _  |  |                 |  |
|       | 27   |                                       |          |          |          |          | $\vdash$     | -  |  |                 |  |
|       | 28   | _                                     | $\vdash$ |          |          | $\vdash$ | _            | -  |  | Н               |  |
| -     | 29   | ✝                                     | $\vdash$ |          | ┰        | ┢        | _            | -  | ┢  | Н               |  |
|       | 30   | -                                     | Н        | -        | -        | $\vdash$ | ┢            | -  | _  | Н               |  |
|       | 31   | ┢┈                                    | _        | -        |          | ┢╌       |              | -  | ┢╾   | Н               |  |
|       | 31<br>32<br>33   | $\vdash$                              | $\vdash$ | _        | $\vdash$ | -        | -            |  | $\vdash$   | H               |  |
|       | 33   | $\vdash$                              | -        | $\vdash$ | $\vdash$ |          | $\vdash$     | <del>                                     </del> | $\vdash$   | Н               |  |
|       | 34   | $\vdash$                              | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | H               |  |
|       | 35   | $\vdash$                              | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash \vdash$ |  |
|       | 35<br>36<br>37   |                                       |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | Н               |  |
|       | 37   | $\vdash$                              |          | -        | $\vdash$ | $\vdash$ | -            | $\vdash$   | <del>                                     </del> | Н               |  |
|       | 38   | -                                     | -        | -        | -        | -        | -            | <del> </del>                                     | <del>                                     </del> | Н               |  |
|       | 38<br>39   |                                       | -        | -        | $\vdash$ | -        | -            |  | -  | $\vdash \vdash$ |  |
|       | 40   |                                       | -        | $\vdash$ | $\vdash$ | -        | -            | $\vdash$   | $\vdash$   | H               |  |
|       | 41   | $\vdash$                              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -            | -  | $\vdash$   | Н               |  |
| -     | 42   | -                                     | <u> </u> | $\vdash$ | $\vdash$ | H        |              | $\vdash$   | $\vdash$   | Н               |  |
|       | 43   | -                                     | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$ |              |  | -  | Н               |  |
|       | 44   | -                                     | -        | $\vdash$ | <u> </u> | $\vdash$ | -            | $\vdash$   | -  | Н               |  |
|       | 45   | -                                     |          | -        |          |          | <u> </u>     | $\vdash$   |  | Н               |  |
|       | 46   | $\vdash$                              |          |          | <u> </u> | -        | <del> </del> | ⊢  | <u> </u>   | Н               |  |
| -     | 47   | -                                     | _        |          | <u> </u> | -        | -            | $\vdash$   | <u> </u>   | Н               |  |
|       | 48   | -                                     |          | -        |          | <u> </u> | <b>-</b>     | <u> </u>   | <u> </u>   | $\vdash \vdash$ |  |
|       | 48   | -                                     |          | -        | -        | -        | Ь—           | $\vdash$   | $\vdash$   | Н               |  |
| -     | 50   | -                                     | -        |          | _        | -        |              | -  | -  | Н               |  |

|          |                  |          | _        | _         | _        |          | <del>-</del> | _        | _        | _        | ł   |       |          | -        | _        |   |   |           | —        | _                                   |          | $\neg$   |
|----------|------------------|----------|----------|-----------|----------|----------|--------------|----------|----------|----------|-----|-------|----------|----------|----------|---|---|-----------|----------|-------------------------------------|----------|----------|
| 100      | Original         | 7/20/05  | 1/18/06  |           |          |          |              |          |          |          |     | Final | Original |          |          |   |   |           |          |                                     |          |          |
| 7        | 1                | 1        |          |           |          |          | _            | $\vdash$ |          | $\vdash$ | ĺ   |       | 51       |          | -        | _ | _ | _         | ┢        | -                                   | $\vdash$ | $\dashv$ |
| -        | 2                | 1        |          |           | _        |          |              | $\vdash$ | $\vdash$ | $\vdash$ | 1   |       | 52       | $\vdash$ | -        | _ | _ | _         | ┝        | ┝                                   | -        | $\dashv$ |
| -        | - 2              | 1        |          |           |          | _        | _            | -        | _        | ⊢        | 1   |       | 53       | $\vdash$ | _        | - | _ | _         | ┝        | ┝                                   | $\vdash$ | $\vdash$ |
| -        | 4                | 1        |          |           | -        |          | _            | -        |          | -        | 1   |       | 54       | -        | _        | _ | _ | _         | ├─       |                                     | -        |          |
| -        | -4               | 7        |          | _         | _        |          | _            | -        | -        | <u> </u> |     |       | 55       |          | _        | _ | _ | _         | -        | ├                                   | $\vdash$ | _        |
|          | 3<br>4<br>5<br>6 | 1        |          |           |          |          | -            |          | ļ        | <u> </u> |     |       | 22       | <u> </u> |          |   | _ | _         | <u> </u> | _                                   | <u> </u> |          |
| _        | 5                | 1        | _        |           |          | _        | _            | _        | -        | <u> </u> |     |       | 56       | $\vdash$ | _        |   |   |           | <u> </u> | <u> </u>                            | <u> </u> |          |
| _        |                  |          |          | _         |          | _        | _            |          |          | _        |     |       | 57       | $\vdash$ | _        |   |   | _         | <u> </u> | <u> </u>                            | <u> </u> | $\perp$  |
|          | 8<br>9           | 7        |          |           |          | _        |              | -        |          | <u> </u> |     |       | 58       | $\vdash$ | _        |   |   |           | <u> </u> | <u> </u>                            | <u> </u> | =        |
| _        | 9                | <b>√</b> |          | _         |          |          |              |          | _        | _        |     |       | 59       | L        | _        | _ |   |           |          |                                     |          |          |
|          | 10               | <b>√</b> |          |           | _        |          |              |          | <u> </u> | ļ        | ļ   |       | 60       |          | $\vdash$ |   |   |           | L_       | ļ                                   | $\vdash$ | $\Box$   |
|          | 11               | 1        |          | _         |          |          | _            |          | _        | _        |     |       | 61       |          |          |   |   |           | _        | lacksquare                          | $\vdash$ |          |
|          | 12               | 1        |          |           |          |          | _            |          | _        | _        |     |       | 62       |          |          |   |   |           | <u> </u> |                                     |          |          |
|          | 13               | 1        |          |           |          |          |              |          |          |          |     |       | 63       | L        |          |   |   |           | L        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | Ш        |
|          | 14               | 7        |          |           |          |          |              | _        | Ш        |          | Į   |       | 64<br>65 |          |          |   |   |           | <u> </u> | _                                   |          |          |
|          | 15               | 1        | <u> </u> | L_        | L_       | Щ        |              |          | <u> </u> | 匚        | Į   |       | 65       |          |          |   |   | <u> </u>  | _        | L                                   |          | Ш        |
|          | 16               |          | 1        |           |          |          |              | _        |          |          | ļ   |       | 66<br>67 |          |          |   |   |           | L        |                                     |          |          |
|          | 17               |          | 1        |           |          |          |              | _        | <u> </u> |          | J   |       | 67       |          |          |   |   |           |          | L                                   |          |          |
|          | 18               |          | 1        |           |          |          |              |          |          |          |     |       | 68       |          |          |   |   |           |          |                                     |          |          |
|          | 19               |          | 7        |           |          |          |              |          |          |          |     |       | 69       |          |          |   |   |           |          |                                     |          |          |
|          | 20               |          | 1        |           |          |          |              |          |          |          | 1   |       | 70       |          |          |   |   |           |          |                                     |          |          |
|          | 21               |          | 1        |           |          |          |              | П        | П        |          | 1   |       | 71       |          |          |   |   |           |          |                                     |          |          |
|          | 22               |          | 1        |           |          |          |              |          |          |          | ĺ   |       | 72       |          |          |   |   |           |          |                                     |          |          |
|          | 22<br>23         |          |          |           |          |          |              |          |          |          | ĺ   |       | 73       |          |          |   |   |           |          |                                     |          |          |
|          | 24               |          |          |           |          |          |              |          |          |          | ĺ   |       | 74       |          |          | _ |   |           |          |                                     |          | П        |
|          | 25               |          | _        |           |          |          |              |          |          |          | 1   |       | 75       |          | Т        |   | _ |           |          |                                     | _        |          |
|          | 26               |          |          |           |          |          | -            |          |          |          | 1   |       | 76       | П        |          |   |   |           |          |                                     |          |          |
|          | 27               |          |          |           |          | -        |              |          |          |          | 1   |       | 77       |          |          |   |   |           |          |                                     |          |          |
|          | 28               |          |          |           | _        | _        |              |          | _        | _        | 1   |       | 78       | $\vdash$ |          |   |   | _         | $\vdash$ | $\vdash$                            | _        |          |
|          | 29               | -        |          |           |          |          |              |          | ┢        | $\vdash$ |     |       | 79       | $\vdash$ |          |   |   |           | $\vdash$ | $\vdash$                            |          | Н        |
|          | 30               | -        | _        |           |          | -        | _            | _        | _        | ┝        |     |       | 80       | $\vdash$ |          |   |   |           | $\vdash$ | Н                                   | Т        | $\vdash$ |
| $\neg$   | 31               | -        |          | _         |          | -        |              | -        | -        | -        |     |       | 81       | _        |          |   | - |           |          | _                                   |          | $\dashv$ |
| -        | 32               | $\vdash$ |          | _         | _        |          |              |          | $\vdash$ |          |     |       | 82       |          | _        | - | _ | _         | $\vdash$ | -                                   | $\vdash$ | $\dashv$ |
| -        | 33               | $\vdash$ |          | _         |          | _        | _            |          | ⊢        | -        |     |       | 83       |          |          |   | - | _         | $\vdash$ | ⊢                                   | $\vdash$ | —        |
| -        | 34               | -        |          | _         | -        | _        |              | _        | ┝        | ┝        |     |       | 84       |          |          |   | - | _         | -        | -                                   | -        | _        |
| -        | 35               |          |          | -         | _        |          | _            | $\vdash$ | $\vdash$ | -        | 1   |       | 85       | _        | _        | _ |   | -         | -        | -                                   | $\vdash$ | -        |
| -        | 36               | Н        |          | -         | _        |          | $\vdash$     | $\vdash$ | $\vdash$ | -        |     |       | 86       | $\vdash$ |          |   |   |           | $\vdash$ |                                     | $\vdash$ | $\dashv$ |
| $\dashv$ | 37               | Н        |          | -         |          | $\vdash$ |              | _        | -        | $\vdash$ |     |       | 87       | $\vdash$ |          | _ |   | -         | $\vdash$ | -                                   | H        | $\dashv$ |
| -        | 30               | Н        |          |           |          |          | -            | <u> </u> |          | _        |     |       | 0/       | $\vdash$ |          |   |   | -         | <u> </u> |                                     | $\vdash$ | -        |
| -        | 38               | $\vdash$ |          |           | -        | -        |              |          | -        | -        |     |       | 88       | $\vdash$ | _        | _ | _ | —         | $\vdash$ | $\vdash$                            | Н        | $\dashv$ |
| -        | 39               | $\vdash$ |          | _         |          | -        | -            | _        | <u> </u> | -        |     |       | 89       | $\vdash$ | _        | _ | _ | <b> -</b> | <u> </u> | <b> </b>                            | Н        | $\dashv$ |
| -        | 40               | -        |          |           |          |          |              |          | <u> </u> | <u> </u> |     |       | 90       | $\vdash$ |          |   |   |           | $\vdash$ |                                     | Н        | $\dashv$ |
|          | 41<br>42         | -        |          | Ь.        |          |          |              |          | $\vdash$ | Н        |     |       | 91<br>92 | Щ        | _        | _ | _ | <u> </u>  | <u> </u> |                                     | Н        | Щ        |
| 4        | 42               |          |          | Щ         | $\vdash$ | _        | -            |          | _        | _        |     |       | 92       | $\vdash$ |          |   |   |           | $\vdash$ | ш                                   | Щ        | $\dashv$ |
| _        | 43               | -        |          | $\square$ |          |          |              |          |          | Щ        |     |       | 93       | Щ        |          |   |   |           | <u> </u> | L                                   |          | $\dashv$ |
| _        | 44               |          |          |           |          |          |              |          | <u> </u> | Щ        |     |       | 94       | Щ        |          | _ |   |           | Щ.       | <u> </u>                            | Ш        | _        |
| 4        | 45               |          |          |           |          |          |              |          | _        | Щ        |     |       | 95       | <u> </u> |          |   |   |           | L        | _                                   |          | $\Box$   |
| _        | 46               |          |          |           |          |          |              |          | L        |          |     |       | 96       | Ш        |          |   |   |           | L        | Ш                                   | Ш        | $\Box$   |
| _        | 47               |          |          | Ш         |          |          |              |          | Ь.       | Ш        |     |       | 97       | Ш        |          |   |   | L_        | Щ        | Ш                                   | Ш        | $\Box$   |
| _        | 48               |          |          | Ш         |          |          |              |          | Щ.       | Ш        |     |       | 98       | $\Box$   |          |   |   |           | Щ.       | Ш                                   |          | Ш        |
| _        | 49               |          |          |           |          |          |              |          |          | $\Box$   |     |       | 99       | Ш        |          |   |   |           |          | L_                                  | Ш        |          |
|          | 50               |          |          |           |          | L        |              |          | L        |          |     |       | 100      |          |          |   |   |           |          |                                     |          |          |
|          |                  |          |          |           |          |          |              |          |          |          | . ' |       |          |          |          |   |   |           |          |                                     | _        | _        |

| Cli         | Date  |   |               |  |  |  |  |  |          |                 |
|-------------|---|---|---------------|--|--|--|--|--|----------|-----------------|
|             |   |   | Г             |  |  |  |  |  | Γ        | П               |
| ā           | Original  |   | 1             |  |  | İ  |  |  |          |                 |
| Final       | Ē   |   |               |  |  |  |  |  |          |                 |
|             | 0   |   |               |  |  | l  |  |  |          |                 |
|             | 101   | -   | _             | ┢  | -  | $\vdash$   | $\vdash$   | $\vdash$   | _        | Н               |
|             | 102   |   | H             |  | $\vdash$   | -  | ┝  | ┝  | $\vdash$ | Н               |
|             | 102   | -   | -             | -  | -  | H  | -  | -  | ┝        | Н               |
|             | 101<br>102<br>103<br>104<br>105<br>106  | Η-  | $\vdash$      | ├  | $\vdash$   | $\vdash$   | $\vdash$   | -  | ⊢        | Н               |
| -           | 105   |   | -             | ┝  | $\vdash$   |  | -  | -  | $\vdash$ | Н               |
| _           | 100   | $\vdash$  | -             | $\vdash$   | $\vdash$   | -  |  | _  | -        | Н               |
| _           | 107   | _   |               | $\vdash$   | $\vdash$   | $\vdash$   | -  |  | -        | $\vdash\vdash$  |
| -           | 107<br>108<br>109<br>110  | _   | -             | ⊢  | ├  | -  | _  | -  | -        | $\vdash$        |
|             | 100   | _   | -             | ⊢  |  | H  | _  | _  | -        | Н               |
|             | 109   | $\vdash$  | -             | ├—   | <del> </del>                                     | -  | -  | _  | H        | $\vdash$        |
| <del></del> | 110   | <u> </u>  | <u> </u>      | <u> </u>   | $\vdash$   | $\vdash$   |  | <u> </u>   | ├—       | $\vdash \vdash$ |
| ļi          | 440   | <u> </u>  | <del> </del>  | -  |  | $\vdash$   | $\vdash$   | <u> </u>   |          | $\vdash \vdash$ |
| ļ           | 112   | -   | <u> </u>      | <del> </del>                                     | <del> </del>                                     | <u> — </u>                                       | <u> </u>   | <u> </u>   | <u> </u> | Н               |
| <b> </b>    | 113   | $\vdash$  | _             | <u> </u>   | <u> </u>   |  | <u> </u>   |  | <u> </u> |                 |
|             | 111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | <u> </u>  | <u> </u>      | ⊢  | <u> </u>   | ⊢  |  | <u> </u>   | ├_       | $\vdash \vdash$ |
| <b></b>     | 115   | <u> </u>  |               | <u> </u>   | _  | <u> </u>   | <u> </u>   | <u> </u>   | _        | $\square$       |
| L           | 116   | <u> </u>  | <u> </u>      | <u> </u>   | <u> </u>   | <b>L</b>   | <u> </u>   | <u> </u>   | _        | Щ               |
|             | 117   | $ldsymbol{le}}}}}}$ | _             | _  | _  | _  | <u> </u>   |  | L_       | Ш               |
| <u> </u>    | 118   |   |               | _  |  |  | _  |  |          | Ш               |
|             | 119   |   |               |  |  |  |  | L  |          | Ш               |
|             | 120   |   |               |  |  |  |  |  |          |                 |
|             | 121   |   |               |  |  |  |  |  |          |                 |
|             | 122   |   |               |  |  |  |  |  |          |                 |
|             | 123   |   |               |  |  |  |  |  |          |                 |
|             | 124   |   |               |  |  |  |  |  |          |                 |
|             | 125   |   |               |  |  |  |  |  |          |                 |
|             | 126   |   |               |  |  |  |  | ١  |          |                 |
|             | 127   |   |               |  |  |  |  |  |          |                 |
|             | 128   |   |               |  |  |  |  |  |          |                 |
|             | 129   |   |               |  |  |  |  |  |          |                 |
|             | 130   |   |               |  |  |  |  |  |          |                 |
|             | 131   |   |               |  |  |  |  | Ĺ  |          |                 |
|             | 132   |   | ļ             |  |  |  |  |  |          |                 |
|             | 130<br>131<br>132<br>133<br>134   |   |               | T  |  | Π  |  |  |          | П               |
|             | 134   |   | Г             | Г  | Π  | Ι  |  | T  |          | $\square$       |
|             | 135   |   |               |  | Ī  |  |  |  |          | П               |
|             | 135<br>136  |   |               |  | T  |  |  |  |          | П               |
|             | 137   |   |               | Ι.   |  |  |  |  |          | $\Box$          |
|             | 138<br>139  |   | Г             |  | Г  |  |  |  |          | П               |
|             | 139   |   |               |  |  |  | Т  |  |          | $\sqcap$        |
|             | 140   |   |               |  |  | _  |  | Г  |          | Н               |
|             | 141   |   | $\overline{}$ |  |  |  | Г  |  |          | П               |
|             | 142   | М   |               | _  |  |  | Г  |  |          | П               |
|             | 143   | _   | $\vdash$      |  | $\vdash$   |  |  |  |          | Н               |
|             | 144   |   |               | <del>                                     </del> | $I^-$  | $\Box$   | Г  |  |          | $\vdash \vdash$ |
|             | 145   | Н   |               | -  | $\vdash$   |  | _  | $\vdash$   |          | H               |
| _           | 146   | -   | _             |  | _  | <u> </u>   | -  | _  |          | $\vdash \vdash$ |
|             | 147   |   |               | 1  | $\vdash$   | $\vdash$   | Ι-   | $\vdash$   | $\vdash$ | Н               |
| $\vdash$    | 148   | $\vdash$  | $\vdash$      | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$        |
|             | 149   | Н   | $\vdash$      |  | 一  | $\vdash$   | <del>                                     </del> | _  | _        | $\vdash$        |
|             | 150   | Н   | $\vdash$      | -  | <del>                                     </del> | $\vdash$   | -  | -  | _        | Н               |
| ــــا       |   |   |               | L  |  | <u> </u>   |  |  |          |                 |